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TO:	FROM:
Mail Stop Amendment	Trueman H Denny III 408-737-7200 @ 124
COMPANY:	DATE:
USPTO	MAY 04, 2006
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
571-273-8300	14
PHONE NUMBER:	RE:
571-272-1738	Response to Office Action Mailed April 14, 2006

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

Docket #	P027.03.CIP2+	By:	THD	Faxing Date	May 04, 2006
Ser. No:	10/665,882	Filing Date:	09/19/2003	Inv(s)	Rinerson et al.
Title:	RESISTIVE MEMORY WITH A TREATED INTERFACE				

The following is being transmitted to the U.S. Patent Office:

Item	Description	# Pgs
1.	Amendment & Response pursuant to 37 C.F.R. §1.111	12
2.	Transmittal Form PTO/SB/21	1
3.		
4.		
5.		
6.		
7.		

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PTO/SB/21 (09-04)

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FORM

(to be used for all correspondence after initial filing)

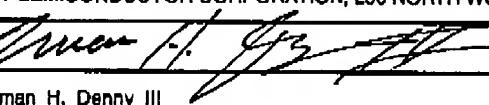
Total Number of Pages in This Submission

Application Number	10/665,882
Filing Date	09/19/2003
First Named Inventor	Darrell Rhinerson, et al.
Art Unit	2815
Examiner Name	Wilson, Allan R.
Total Number of Pages in This Submission	14
Attorney Docket Number	P027.03.CIP2+

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
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<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		
1. Unity Semiconductor FAX Cover Sheet - 1 Page		
2. Amendment & Response per 37 C.F.R. 1.111 - 12 Pages		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	UNITY SEMICONDUCTOR CORPORATION, 250 NORTH WOLFE ROAD, SUNNYVALE, CA 94085-4510		
Signature			
Printed name	Truman H. Denny III		
Date	May 04, 2006	Reg. No.	44,652

CERTIFICATE OF TRANSMISSION/MAILING

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Signature



Typed or printed name

Patty Lomeli

Date

May 04, 2006

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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MAY 04 2006**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Darrell Rinerson, et al. Attorney Docket No.: P027.03.CIP2+

Application No.: 10/665,882 Examiner: Wilson, Allan R.

Filed: September 19, 2003 Group: 2815

Title: Resistive Memory With A Treated Customer No.: 42958
Interface

Confirmation No.: 6771

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this correspondence is being transmitted by facsimile to fax number 571-273-8300 to the U.S. Patent and Trademark Office on May 4, 2006.

Signed:



Patty Lomell

AMENDMENT AND RESPONSE PER 37 C.F.R. §1.111

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office action mailed April 14, 2006, please consider the following:

Amendments to the Specification begin on Page 2 of this paper.

Listing of claims begins on Page 3 of this paper.

Remarks/Arguments begin on Page 9 of this paper.